

What is the Value of Being First?

Perspectives from the California and Sweden Experiences

Workshop Proceedings

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SPEAKER AND AUTHOR BIOGRAPHIES

Severin Borenstein: Severin Borenstein is the E.T. Grether Professor of Business Administration and Public Policy at the University of California's Haas School of Business, co-Director of the Energy Institute at Haas, and director of the University of California Energy Institute. His research focuses on business competition, strategy, and regulation. His current research projects include the economics of renewable energy, equity and efficiency effects of electricity pricing, and competitive dynamics in the airline industry.

Dallas Burtraw: Dallas Burtraw is the Darius Gaskins Senior Fellow at Resources for the Future (RFF), where he also is an associate director of RFF's Center for Climate and Electricity Policy. Burtraw's research includes the design of environmental regulation, the costs and benefits of environmental regulation, and the regulation of the electricity industry. He works with Mistra's Indigo research programs.

Aaron Cosbey: Aaron Cosbey is an environmental economist at the International Institute for Sustainable Development (IISD). He specializes in the areas of trade and sustainable development, international environmental governance, and climate change. He works on two of IISD's program areas: trade and investment, where he serves as an associate and senior advisor, and climate change and energy, where he serves as an associate. He works with Mistra's Entwined research program.

Anthony Eggert: Anthony Eggert is the executive director of the Policy Institute for Energy, Environment, and the Economy at the University of California, Davis. From 2007 through 2012, Eggert served as an appointee of Governors Brown and Schwarzenegger in senior policy positions including science and technology policy advisor to the chair of the Air Resources Board, commissioner for the California Energy Commission, and deputy secretary for energy policy of the California Environmental Protection Agency.

Carolyn Fischer: Carolyn Fischer is senior fellow at the Resources for the Future (RFF), where she also is an associate director of RFF's Center for Climate and Electricity Policy. Her research focuses on the design of policy instruments to combat climate change and understanding the role of technological innovation and international trade. She works with Mistra's Indigo and Entwined research programs.

Peringe Grennfelt: Peringe Grennfelt is the program director of Mistra's Indigo program. Formerly, he was scientific director at the IVL Swedish Environmental Research Institute and has been an adjunct professor at the University of Gothenburg, and is now a senior advisor. His main scientific interest is atmospheric chemistry in relation to international air pollution policy development.

Jon Krosnick: Jon Krosnick is the Frederic O. Glover Professor in Humanities and Social Sciences and professor of communication, political science, and psychology at Stanford University. Krosnick directs Stanford University's Political Psychology Research Group, as well as the Summer Institute in Political Psychology, an annual event that brings students and professionals from around the world to Stanford for intensive training in political psychology theory and methods.

Lars-Erik Liljelund: Lars-Erik Liljelund has served as the executive director of The Swedish Foundation for Strategic Environmental Research—Mistra—since 2010, and earlier was a member of the foundation's board. In the past, he served as the director general of the Swedish prime minister's office and as the prime minister's special envoy on climate change from 2008 to 2010. He was the director general of the Swedish Environmental Protection Agency from 1999 to 2008 and chair of the management board of the European Environmental Agency from 2002 to 2007. He is also currently vice chair of ICIMOD Board of Governors—the intergovernmental cooperation in the Hindu Kush-Himalayan region—and chair of the ICIMOD Programme Advisory Committee.

Josh Linn: Josh Linn is a fellow at Resources for the Future. Linn's research centers on the effect of environmental regulation and market incentives on technology, with particular focus on the electricity sector and markets for new vehicles. Linn, who joined RFF in March 2010, was previously an assistant professor in the economics department at the University of Illinois at Chicago and a research scientist at MIT, where he served as executive director of the MIT Study of the Future of Solar Energy.

Alan Lloyd: Alan Lloyd is president of the International Council on Clean Transportation. Lloyd's work focuses on the viable future of advanced transportation technology, including electric drive and renewable fuels with attention to urban air quality issues and global climate change. Lloyd served as the secretary of the California Environmental Protection Agency from 2004 through February 2006 during which time he chaired the Climate Action Team to implement the governor's greenhouse gas reduction goals. He was chairman of the California Air Resources Board (ARB) from 1999 to 2004 during which ARB passed the first greenhouse gas regulation (AB 1493). Before ARB, Lloyd was the executive director of the Energy and Environmental Engineering Center for the Desert Research Institute at the University and Community College System of Nevada, Reno, and the chief scientist at the South Coast Air Quality Management District from 1988 to 1996.

Åsa Löfgren: Åsa Löfgren is an associate professor at the Department of Economics at the University of Gothenburg. Löfgren's research covers issues related primarily to the economics of climate change, in particular different aspects of policy instruments, fairness, and industrial investment behavior. Löfgren works with Mistra's Indigo program.

Richard Morgenstern: Richard Morgenstern is a senior fellow at RFF. His research focuses on the economic analysis of environmental issues with an emphasis on the costs, benefits, evaluation, and design of environmental policies, especially economic incentive measures. His analysis also focuses on climate change, including the design of cost-effective policies to reduce emissions in the United States and abroad. Morgenstern was senior economic counselor to the undersecretary for global affairs at the US Department of State, where he participated in negotiations for the Kyoto Protocol. Previously he served at the US Environmental Protection Agency, where he acted as deputy administrator (1993); assistant administrator for policy, planning, and evaluation (1991–1993); and director of the Office of Policy Analysis (1983-95).

Daniel F. Morris: Daniel Morris is a center fellow in RFF's Center for Climate and Electricity Policy, where he focuses on the policy and economic implications of a wide suite of climate change issues, many related to land use, human development, and natural systems. He is currently working on domestic climate adaptation policy, water supply, forest resources, ecosystem services, and tracking of current climate legislation.

Mary Nichols: Mary Nichols is chairman of the California Air Resources Board, a post she has held since 2007. Nichols has devoted her entire career in public and nonprofit service to advocating for the environment and public health. In addition to her work at the Air Resources Board, she has served as assistant administrator for the U.S. Environmental Protection Agency's Air and Radiation program under President Clinton, Secretary for California's Resources Agency from 1999 to 2003, and director of the Institute of the Environment at the University of California, Los Angeles. Her priorities as chairman include moving ahead on the state's landmark climate change program (AB 32), steering the board through numerous efforts to curb diesel pollution at ports, and continuing to pass regulations aimed at providing cleaner air for Southern California and the San Joaquin Valley. She values innovation, partnerships and common-sense approaches to addressing the state's air issues.

Michael Peevey: Michael Peevey was appointed president of the California Public Utilities Commission (CPUC) by Governor Gray Davis on December 31, 2002, having been originally appointed to the CPUC by Governor Davis in March 2002. In December 2008, Governor Arnold Schwarzenegger reappointed Peevey to the CPUC for another six-year term. As president of the CPUC, Peevey is committed to protecting the public interest by promoting consumer needs, while challenging utilities to embrace new technologies and provide safe, high-quality services. He is a strong supporter of renewable energy and renewable procurement requirements for utilities, and is a leader in implementing California's Solar and Greenhouse Gas Initiatives. He serves as chairman of the California Clean Energy Fund, an independent nonprofit corporation

working to advance clean energy using tools from finance, public policy, and technological innovation; and also serves as chairman of the California Emerging Technology Fund, which provides leadership statewide to close the “Digital Divide.” From 1995 until 2000, Peevey was president of NewEnergy Inc. Prior to that, he was president of Edison International and Southern California Edison Company, and a senior executive there beginning in 1984. Peevey has served on the boards of numerous corporations and nonprofit organizations.

Birgitta Resvik: Birgitta Resvik is the head of corporate relations at Fortum, a generation and distribution company selling electricity and heat in the Nordic countries, Russia, Poland, and the Baltics. Resvik is a member of the Mistra Indigo Board.

Phil Sharp: Phil Sharp, a former congressman, has been president of Resources for the Future since 2005. His career includes 10 terms as a member of the House of Representatives (D-IN) and a lengthy tenure on the faculty of the John F. Kennedy School of Government and the Institute of Politics at Harvard University. While in Congress, Sharp played key roles in the Energy Policy Act of 1992 and the 1990 Clean Air Act Amendments, which established a market-based emissions allowance trading system. Since leaving Congress, he has remained active in the energy policy realm, serving on a number of independent panels looking into fuel economy standards, electric systems reliability, and nuclear waste issues. He is also the board chair of the Energy Foundation, a member of the MIE Energy Initiative External Advisory Board, and serves on the board of directors of the Duke Energy Corporation.

Dan Sperling: Daniel Sperling is a professor of civil engineering and environmental science and policy, and founding director of the Institute of Transportation Studies at the University of California, Davis (ITS-Davis). Sperling also serves as acting director of the UC Davis Energy Efficiency Center. Sperling is recognized as a leading international expert on transportation technology assessment, energy and environmental aspects of transportation, and transportation policy. He is chair of the Davos World Economic Forum's Council on "Future of Mobility" and recent chair of the US Transportation Research Board's standing committees on Sustainable Transportation and Alternative Fuels. He was honored as a lifetime National Associate of the National Academies, is author or editor of 200 technical articles and 11 books, including *Two Billion Cars* (Oxford University Press, 2009).

Renae Steichen: Renae Steichen is a project manager at Collaborative Economics, Inc., where she provides in-depth research and analysis for economic solutions, with an emphasis on clean energy economy issues. Recently, she was a co-author of the Environmental Defense Fund's Clean Energy Economic Development Series, which explored how several US states enhanced their economic growth by developing clean energy markets. Prior to joining Collaborative Economics, she was a sustainability and energy analyst at SRA International and an environmental protection specialist at the US Department of Justice.

Thomas Sterner: Thomas Sterner is a professor of environmental economics at the University of Gothenburg, visiting chief economist at the Environmental Defense Fund in New York, a university fellow at Resources for the Future, and past president of the European Association of Environmental and Resource Economists. His primary research areas include the design of policy instruments to deal with climate change and other environmental threats to the ecosystems on which we depend. Sterner serves on the Mistra Board and works with Mistra's Indigo program.

Lars Zetterberg: Lars Zetterberg is a senior scientist and director of business development at IVL Swedish Environmental Research Institute. Zetterberg's research focuses on design and economic analyses of emission trading systems, pathways to low carbon economies and the role of bioenergy in climate mitigation. Zetterberg works with Mistra's Indigo program.